

12/11/03

Sheet 1 of 3

USPTO 1449
Rev. 7-80
U.S. Department of Commerce
Patent and Trademark Office
LIST OF PRIOR ART CITED BY APPLICANT
(Use Several Sheets If Necessary)

Atty. Docket No.
PO8027/MD-03-32Serial No.
To Be Assigned

Applicant

Robert A. Pyles et al

Filing Date

Herewith

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MD	AA	3,043,709	07/10/62	Amborski	117	7	
	AB	3,297,462	01/10/67	Fanning	117	33.3	
	AC	3,309,220	03/14/67	Osteen	117	33.3	
	AD	3,382,183	05/07/68	Donoian et al	252	300	
	AE	3,519,462	07/07/70	Bristol et al	117	33.3	
	AF	3,617,330	11/02/71	Peilstocker	117	33.3	
	AG	3,892,889	07/01/75	Cohnen et al	427	160	
	AH	4,126,660	11/21/78	Lempkowicz et al	264	101	
↓	AI	4,146,658	03/27/79	Humphrey	427	160	
	AJ	4,284,729	08/18/81	Cross et al	521	158	
MD	AK	4,323,597	04/06/82	Olson	427	160	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	Yes	No*
	AL								
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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		Filing Date Herewith	Group

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MD	AA	4,349,607	09/14/82	Ching	428	412	
	AB	4,390,676	06/28/83	Loshaek	526	313	
	AC	4,535,104	08/13/85	Pyles	524	91	
	AD	4,589,884	05/20/86	Gilpatrick	8	481	
	AE	4,640,690	02/03/87	Baumgartner et al	8	506	
	AF	4,792,465	12/20/88	Silbermann et al	427	160	
	AG	4,798,427	01/17/89	Sear	350	1.1	
	AH	4,812,141	03/14/89	Baumgartner et al	8	506	
	AI	5,321,441	06/14/94	Osterlund	351	44	
↓	AJ	5,756,010	05/26/98	Appell et al	252	589	
MD	AK	5,851,585	12/22/98	Gupta et al	427	162	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MD	AA	6,242,065 B1	06/05/01	Blomberg et al	428	64.1	
	AB	6,433,043 B1	08/13/02	Misura et al	523	456	
	AC	6,448,304 B1	09/10/02	Kosaka et al	523	106	
↓	AD	6,602,447 B2	08/05/03	Danielson et al	252	589	
MD	AE	2001/0038494 A1	11/08/01	Blomberg et al	359	642	
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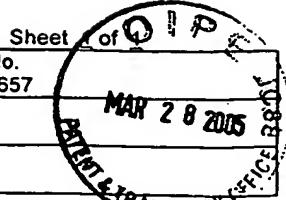
Atty. Docket No
PO-8027 / MD-03-032

Serial No.
10/733,657

Applicant
Robert A. Pyles et al

Filing Date
December 11, 2003

Group



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MD	AA	6,733,543	5/11/2004	Pyles et al	8	506	
MD	AB	6,749,646	6/15/2004	Pyles et al	8	506	
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Form PTO 1449 Rev. 7-88	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No PO-8027/MD03-32	Serial No. 10/733,657
		Applicant Robert A. Pyles et al	
		Filing Date December 11, 2003	Group

U.S. PATENT DOCUMENTS

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MD	AL	02/44258 A2	06/06/02	World Patent				
MD	AM	03/083207 A1	10/09/03	World Patent				
MD	AN	00/14325	03/16/00	World Patent				
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	AP							

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JAN 27 2006		Filing Date December 11, 2003	Group 1733

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							Yes	No*
MD	AL	04-057977	02/25/92	Japan (abstract & translation attach.)				X
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